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1. (Amended) A method of expressing an antigenic molecule [or a part thereof] on the surface of a cell, said method comprising introducing a molecule into the cell cytosol by photochemical internalisation, wherein said molecule[, or a part thereof,] is subsequently presented on the surface of said cell.

Sub E2
2. (Amended) A method as claimed in claim 1, said method comprising:
contacting said cell with said antigenic molecule [or a part thereof] and with a photosensitizing agent, wherein said molecule and said agent are each taken up into an intracellular membrane-restricted compartment of said cell; and
irradiating said cell with light of a wavelength effective to activate the photosensitizing agent, such that the membrane of said intracellular compartment is disrupted, releasing said molecule into the cytosol of the cell, without killing the cell, wherein, said released antigenic molecule[, or a part thereof,] is subsequently presented on the surface of said cell.

Sub E3
6. (Twice amended) The method of claim 1 wherein the cell is an antigen presenting cell selected from the group [comprising lymphocytes, dendritic cells, macrophages and cancer cells] consisting of a lymphocyte, dendritic cell, macrophage and cancer cell.

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7. (Twice amended) The method of claim [1] 2 wherein the photosensitizing agent is selected from the group [comprising porphyrins, phthalocyanines, purpurins, chlorins, benzoporphyrins naphthalocyanines, cationic dyes, tetracyclines and lysomotropic weak bases or derivatives thereof] consisting of porphyrin, phthalocyanine, purpurin, chlorin, benzoporphyrin, naphthalocyanine, cationic dye, tetracycline, a lysomotropic weak base thereof, and a derivative thereof.

8. (Amended) The method of claim [7] 2 wherein the photosensitizing agent is TPPS₄, TPPS_{2a} or AlPcS_{2a}.

CLEAN VERSION OF PENDING CLAIMS

1. (Amended) A method of expressing an antigenic molecule on the surface of a cell, said method comprising introducing a molecule into the cell cytosol by photochemical internalisation, wherein said molecule is subsequently presented on the surface of said cell.
2. (Amended) A method as claimed in claim 1, said method comprising:
contacting said cell with said antigenic molecule and with a photosensitizing agent, wherein said molecule and said agent are each taken up into an intracellular membrane-restricted compartment of said cell; and
irradiating said cell with light of a wavelength effective to activate the photosensitizing agent, such that the membrane of said intracellular compartment is disrupted, releasing said molecule into the cytosol of the cell, without killing the cell, wherein, said released antigenic molecule is subsequently presented on the surface of said cell.
3. The method of claim 1 wherein the antigenic molecule is a molecule capable of stimulating an immune response.
4. The method of claim 3 wherein the antigenic molecule is a vaccine antigen or vaccine component.
5. The method of claim 1 wherein the antigenic molecule is a peptide.
6. (Twice amended) The method of claim 1 wherein the cell is an antigen presenting cell selected from the group consisting of a lymphocyte, dendritic cell, macrophage and cancer cell.
7. (Twice amended) The method of claim 2 wherein the photosensitizing agent is selected from the group consisting of porphyrin, phthalocyanine, purpurin, chlorin, benzoporphyrin, naphthalocyanine, cationic dye, tetracycline, a lysomotropic weak base thereof, and a derivative thereof.

8. (Amended) The method of claim 2 wherein the photosensitizing agent is TPPS₄, TPPS_{2a} or AlPcS_{2a}.
9. The method of claim 1 wherein the antigenic molecule and/or photosensitizing agent is bound to one or more targeting agents or carrier molecules.
10. The method of claim 1 wherein said method is carried out *in vitro* or *in vivo*.
11. The method of claim 1 wherein the antigenic presentation results in the stimulation of an immune response.